

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	MU06
STATION NUMBER	MU06
4 CHAR ID	MU06
COUNTRY	IRAQ
LOCATION	AL MUTHANNA
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	08 JULY 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	MU06
4 CHAR ID	MU06
STATION NUMBER	MU06

THIS STATION IS NEW	YES
NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N	29°03'56.89"
LONGITUDE E	46°25'29.24"
HT (M)	+302
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R PT 38695 16114
SURVEYING AGENCY	IGRS

FIELD INPUT BY: LCPL AVIS	UNIT: IGRS	DATE: 08 JULY 05
FIELD CHECKED BY: SPR LOCKHART	UNIT: IGRS	DATE: 08 JULY 05

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	29° 03' 56.93721''
LONGITUDE E	046° 25' 29.28680''
SPHEROIDAL HT (M)	298.198
EGM96 GEOID MODEL HT (M)	-8.605
ORTHOMETRIC HT (M)	306.803
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.015
RELATIVE HEIGHT ACCURACY (M)	0.024
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: MU06	
STATION NUMBER: MU06	4 CHAR ID: MU06
LOCATION: SOUTH AL MUTHANNA	COUNTRY: IRAQ
STATION ADDRESS: AL QADISYAA BORDER FORT	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: IRAQI BORDER POLICE	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE POINT ON REBAR	NO OF REBARS: 1

MONUMENT PHOTO / SKETCH



PREPARED BY: LCPL AVIS	UNIT: IGRS	DATE: 08 JULY 05
CHECKED BY: SPR LOCKHART	UNIT: IGRS	DATE: 08 JULY 05

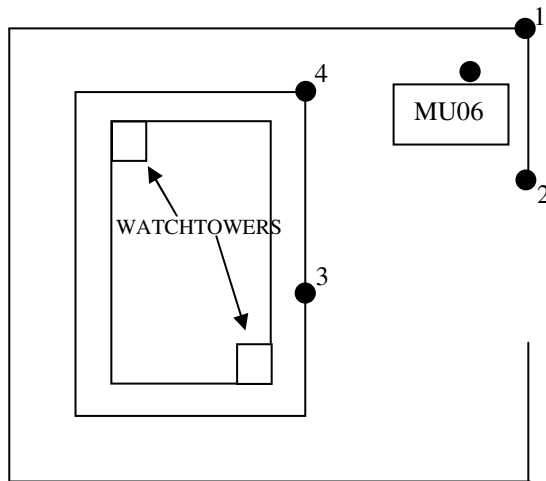
STATION DIAGRAM

STATION LONG NAME: MU06

STATION NUMBER: MU06

4 CHAR ID: MU06

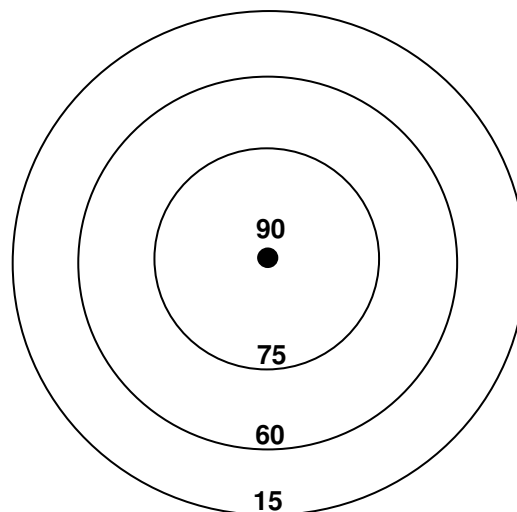
NOT TO SCALE



APPROX

NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE m
1	N/E CORNER OF OUTER COMPOUND	253°	9
2	NORTH SIDE OF OUTER GATE	337°	13
3	EAST SIDE OF INNER GATE	50°	22
4	N/E CORNER OF INNER COMPOUND	78°	16

OBSCURITY DETAILS



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ACCESS MAP

STATION LONG NAME: MU06

STATION NUMBER: MU06

4 CHAR ID: MU06

MAP DETAILS

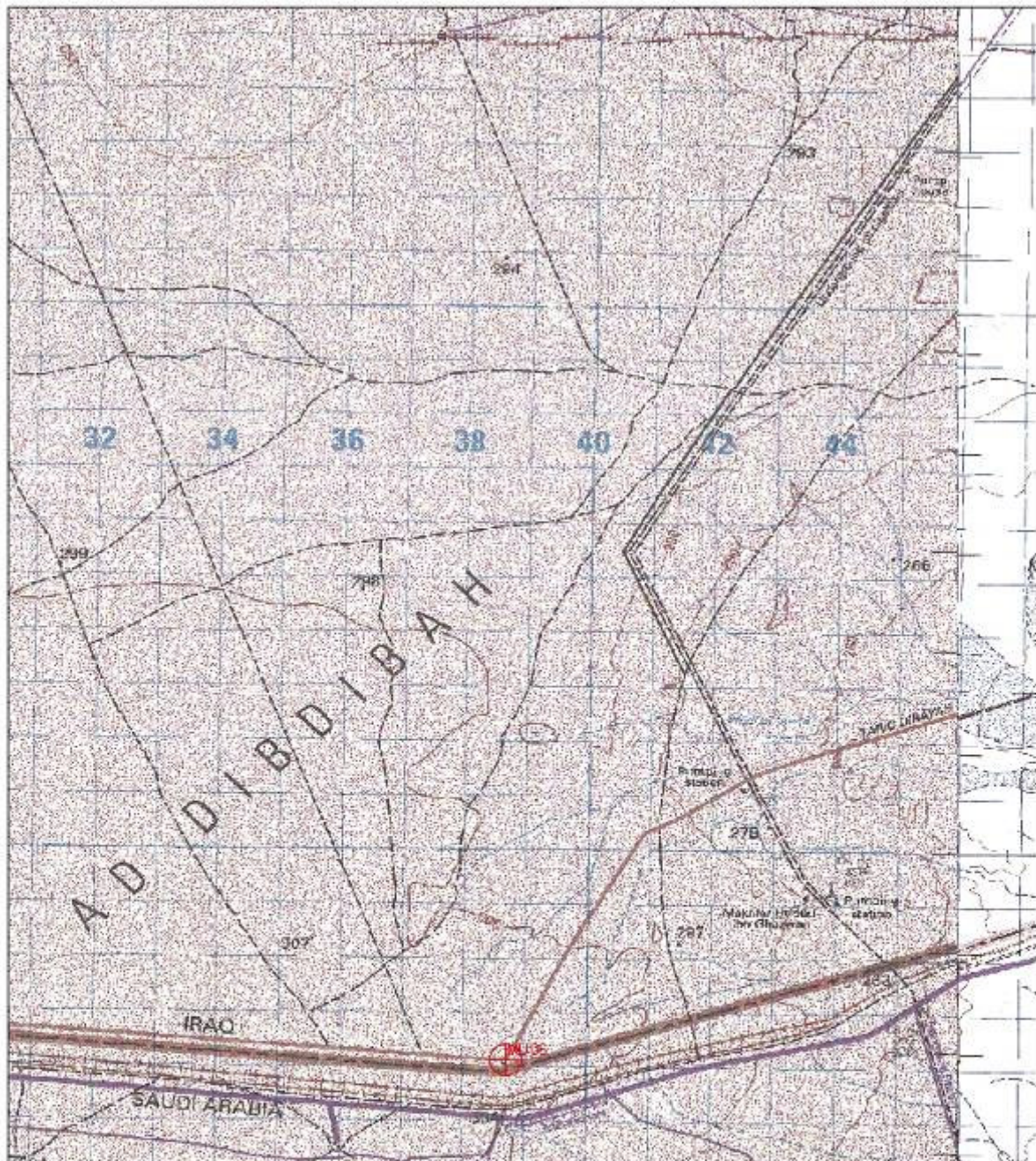
SERIES: K643

SHEET: 5248

EDITION: 3-NIMA

SCALE: 1: 100,000

GR: 38R PT 38695 16114



PREPARED BY: LCPL AVIS

UNIT: IGRS

DATE: 08 JULY 05

CHECKED BY: SPR LOCKHART

UNIT: IGRS

DATE: 08 JULY 05

ACCESS DESCRIPTION

STATION LONG NAME: MU06	
STATION NUMBER: MU06	4 CHAR ID: MU06

MAP DETAILS	SERIES: K643	SHEET: 5248
EDITION: 3-NIMA	SCALE: 1: 100,000	GR: 38R PT 38695 16114

From major road junction East of As Samawah Grid reference PV304 008. Follow metal road South for approximately 79km up to junction at Grid Reference PU064 319. Continue traveling southeast for approximately 90km. At road junction approximate Grid Reference 760 705. Travel in a southwesterly direction for approximately 67km. The point is located in the Al Qadiysaa border fort in the North East corner of the compound.

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CHECKED BY: SPR LOCKHART	UNIT: IGRS	DATE: 08 JULY 05

APPROACH PHOTOGRAPHS

STATION LONG NAME: MU06	
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NEAR APPROACH FACING NORTH



FAR APPROACH FACING NORTH



TAKEN BY: SPR LOCKHART	DATE TAKEN: 08 JUL 05
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CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU06

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NORTH



SOUTH



TAKEN BY: SPR LOCKHART

DATE TAKEN: 08 JUL 05

CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU06	
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EAST



WEST



TAKEN BY: SPR LOCKHART	DATE TAKEN: 08 JUL 05
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